

E-rated Fuses for Potential & Small Power Transformers

JCD, JCW, JCQ, JCI & JCT



Specifications

Description: Indicating and non-indicating E-rated medium voltage, current-limiting fuses for potential and small power transformers.

Dimensions: See Catalog Numbers table.

Construction: Plated ferrules.

Ratings:

Volts: — 2.4-15.5kV (See Catalog Numbers table for details)

Amps: — ½-10A

IR: — 25-80kA Sym

— 40-130kA ASYM

— See Catalog Numbers table for details

Features and Benefits

- Sized for retrofitting in existing hardware
- Space saving size

Typical Applications

- Primary protection of medium voltage potential transformers
- Primary protection of small medium voltage service transformers
- Primary protection of small medium voltage control transformers

Catalog Numbers

| Catalog Numbers | Amp Rating | Maximum Design Voltage | IR RMS Sym. | Dimensions - in (mm) | |
|-----------------|------------|------------------------|-------------|----------------------|----------|
| | | | | Length | Diameter |

2400V; E-Rated Fuse; Non-Indicating

| | | | | | |
|--------|-----|--------|------|------------|--------------|
| JCD-½E | 0.5 | 2.75kV | 63kA | 4.50 (114) | 0.80 (20.32) |
| JCD-1E | 1 | 2.75kV | 40kA | 4.50 (114) | 0.80 (20.32) |
| JCD-2E | 2 | 2.75kV | 40kA | 4.50 (114) | 0.80 (20.32) |
| JCD-5E | 5 | 2.75kV | 25kA | 4.50 (114) | 0.80 (20.32) |

2450/5500V; E-Rated Fuse; Non-Indicating

| | | | | | |
|--------|-----|------------|------|----------------|---------------|
| JCW-½E | 0.5 | 2.75/5.5kV | 40kA | 7.312 (185.72) | 1.563 (39.70) |
| JCW-1E | 1 | 2.75/5.5kV | 40kA | 7.312 (185.72) | 1.563 (39.70) |
| JCW-2E | 2 | 2.75/5.5kV | 40kA | 7.312 (185.72) | 1.563 (39.70) |
| JCW-3E | 3 | 2.75/5.5kV | 40kA | 7.312 (185.72) | 1.563 (39.70) |
| JCW-5E | 5 | 2.75/5.5kV | 40kA | 7.312 (185.72) | 1.563 (39.70) |

5500V; E-Rated Fuse; Indicating

| | | | | | |
|---------|-----|-------|------|-------------|-------------|
| JCQ-½E | 0.5 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCQ-1E | 1 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCQ-1½E | 1.5 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCQ-3E | 3 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCQ-5E | 5 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCQ-10E | 10 | 5.5kV | 80kA | 9.5 (241.3) | 1.6 (40.64) |

8300V; E-Rated Fuse; Indicating

| | | | | | |
|---------|-----|-------|------|----------------|-------------|
| JCI-½E | 0.5 | 8.3kA | 80kA | 9.5 (241.3) | 1.6 (40.64) |
| JCI-3E | 3 | 8.3kA | 80kA | 12.88 (327.15) | 1.6 (40.64) |
| JCI-5E | 5 | 8.3kA | 50kA | 12.88 (327.15) | 1.6 (40.64) |
| JCI-10E | 10 | 8.3kA | 50kA | 12.88 (327.15) | 1.6 (40.64) |

15,500V; E-Rated Fuse; Indicating

| | | | | | |
|----------|-----|--------|------|----------------|-------------|
| JCT-½E | 0.5 | 15.5kV | 80kA | 12.93 (328.42) | 1.6 (40.64) |
| JCT-1E | 1 | 15.5kV | 80kA | 12.93 (328.42) | 1.6 (40.64) |
| JCT-1-½E | 1.5 | 15.5kV | 80kA | 12.93 (328.42) | 1.6 (40.64) |
| JCT-3E | 3 | 15.5kV | 80kA | 17.5 (444.5) | 1.6 (40.64) |
| JCT-5E | 5 | 15.5kV | 80kA | 17.5 (444.5) | 1.6 (40.64) |
| JCT-10E | 10 | 15.5kV | 80kA | 17.5 (444.5) | 1.6 (40.64) |

Fuse clip for 1.56 and 1.6 inch diameter fuses - 1A0835.
Fuse clip for 0.81 inch diameter fuses - 1A1837.